

Message

From: James Dotchin [jdotchin@ndep.nv.gov]
Sent: 5/27/2016 3:53:35 PM
To: 'Andrew Steinberg' [andrew.steinberg@lepetomaneinc.com]; Fong, Alison [fong.alison@epa.gov]
CC: Steve Clough [steve.clough@nert-trust.com]; James Carlton Parker [jcarltonparker@ndep.nv.gov]; Weiquan Dong [wdong@ndep.nv.gov]
Subject: RE: 04/13/2016 Facility ID #H-000539 Tronox LLC(TRX) - NERT (Trust) Property
Attachments: removed.txt

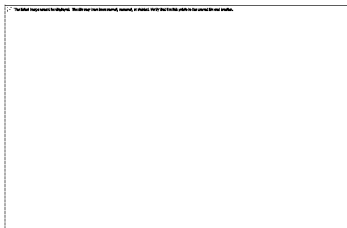
Andy,

The NDEP and the US EPA have discussed your request and have no objections to the EE/CA Budget as described in the WP and further understand that these costs will be included in the coming budget amendment 2016-01. The EE/CA task budget can be considered approved.

We look forward to your consolidated response next week.

Thank you ,

JD



James (JD) Dotchin
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Bureau of Industrial Site Cleanup
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<http://ndep.nv.gov/bmi/index.htm>

From: Andrew Steinberg [mailto:andrew.steinberg@lepetomaneinc.com]
Sent: Friday, May 27, 2016 8:25 AM
To: Alison Fong
Cc: Steve Clough; James Carlton Parker; James Dotchin; Weiquan Dong
Subject: Re: 04/13/2016 Facility ID #H-000539 Tronox LLC(TRX) - NERT (Trust) Property

Alison:

Good morning.

The Trust appreciates EPA comment on the EE/CA Work Plan and will prepare a consolidated response next week.

As I do not believe the comments will impact the proposed EE/CA budget as described in Section 5.0 of the Work Plan, the Trust requests budget approval from the NDEP and US EPA. Upon receipt of approval from both agencies, NERT will deliver the EE/CA within 90 days, as ordered.

Please note that this amount will be inclusive to forthcoming budget amendment 2016-01 currently in preparation by NERT.

Thank you,

Andrew W. Steinberg
Vice President, Operations | LE PETOMANE, INC
Direct 312.498.2800 | Fax 312.276.4939
35 E Wacker Dr, Suite 1550, Chicago IL 60601
andrew.steinberg@lepetomaneinc.com

On May 27, 2016, at 10:00 AM, Fong, Alison <fong.alison@epa.gov> wrote:

EPA has reviewed the plan and cost estimate for preparing the EE/CA for treatment of extracted groundwater associated with SNWA's planned construction of two new weirs in Las Vegas Wash and had a couple comments for NERT and NDEP's consideration:

1. **General:** The EE/CA should use relevant information and "lessons learned" from recent local dewatering projects (i.e., Pabco Weir) to improve project planning.
2. **Section 2.1, Field Data:** It is not clear if groundwater contaminant data from only three wells (WMW6.55S, WMW6.15S, and WMW5.58SI) is sufficient for a project of this magnitude. The plan should consider evaluating existing groundwater data from additional wells to improve accuracy in estimating contaminant loading to the treatment system. Few wells exist near the planned Historic Lateral Weir, but historical (and possibly current) data is available in the area near the planned Sunrise Mountain Weir. Wells in the vicinity of PC-121, PC-86, PC119, PC-115R, and PC-96 may provide additional information to support contaminant loading estimates for the Sunrise Mountain Weir construction project.
3. **Section 2.2, SNWA Data:** The apportionment of responsibility for groundwater treatment is unclear from this workplan. Will NERT be responsible for all project groundwater treatment, or only the NERT-specific contaminants? For example, if the dewatering effort produces excessive suspended solids (particulates), is the solids management the responsibility of NERT, or of SNWA? Will there be, for example, SNWA pre-treatment to remove suspended solids prior to groundwater treatment by NERT?
4. **Section 3.4.1, EE/CA Screening Criteria:** This section indicates a planned maximum extraction rate of 2,000 gpm, but other information suggests a potential extraction rate of up to 12,000 gpm (if dewatering is conducted at both weir locations simultaneously). The engineering design considerations should include scalability (up or down) for both extraction rates and contaminant concentrations. A treatment system that is over-designed is not cost-effective, but one that is under-designed may incur additional cost and/or slow down weir construction if groundwater cannot be treated at a sufficient rate.

Thanks,

Alison Fong
U.S. Environmental Protection Agency
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San Francisco, CA 94105
(415) 972-3065 | fong.alison@epa.gov

From: Andrew Steinberg [<mailto:andrew.steinberg@lepetomaneinc.com>]
Sent: Tuesday, May 24, 2016 8:03 AM
To: Fong, Alison <fong.alison@epa.gov>
Cc: James Carlton Parker <jcarltonparker@ndep.nv.gov>; James Dotchin <jdotchin@ndep.nv.gov>
Subject: Re: 04/13/2016 Facility ID #H-000539 Tronox LLC(TRX) - NERT (Trust) Property

Excellent, Alison. I appreciate the prompt response.

Thank you,

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On May 24, 2016, at 7:37 AM, Fong, Alison <fong.alison@epa.gov> wrote:

Andy,

Yes, EPA will be providing comment to NDEP and NERT on Thursday, 5/26.

Thanks,

Alison Fong
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From: Andrew Steinberg [<mailto:andrew.steinberg@lepetomaneinc.com>]
Sent: Monday, May 23, 2016 3:29 PM
To: Fong, Alison <fong.alison@epa.gov>
Subject: Fwd: 04/13/2016 Facility ID #H-000539 Tronox LLC(TRX) - NERT (Trust) Property

Alison:

Good afternoon.

The Trust just received NDEP's comment on the EE/CA Work Plan submitted on May 12th. For reference, I have copied the transmittal below. Will EPA be providing direct comment? If so, can you provide an target date for submittal to NERT?

Please advise.

Thank you,

Andrew W. Steinberg
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On May 23, 2016, at 4:31 PM, James Carlton Parker
<jcarltonparker@ndep.nv.gov> wrote:

NDEP responses to Weir Dewatering Work Plan. In general, we were pleased and we have just a few comments and suggestions. We received the document as a pdf, so the comments are organized below as opposed to a red-line strikeout document from NDEP.

Section 2.1 Field Data.

1. What are the field data requirements by BWPC?
2. What has SNWA historically collected or reported?
3. Like to see selenium, phosphorous, chromium, and total dissolved solids in field data collected.
4. Field Parameters, NDEP wants to add OPR and Specific Conductivity to the field parameter data set.

Section 2.2 SWWA Data

1. Second dark bullet; include any historical perchlorate loading to LV Wash with the historical data requests.
2. Third hollow bullet; in addition to the groundwater extraction rate add a request for the average and peak flows extraction rate.
3. Third dark bullet: for the site-specific dewatering rate, obtain SNWA information and data they used in developing dewatering rates and also for the perchlorate mass discharge calculations.

3.0 EE/CA Outline

1. Third dark bullet; 2,000 gpm, NERT should work with SNWA to determine the max rate. SNWA may be headed towards double simultaneous weir construction, for example the contractor may want 12,000 gpm to allow the contractor a quicker construction schedule, negotiate this rate with SNWA up-front.

If there are any questions, please contact me on phone or by email. THANKS.

Begin forwarded message:

From: Andrew Steinberg
<andrew.steinberg@lepetomaneinc.com>
Subject: Re: 04/13/2016 Facility ID #H-000539 Tronox LLC(TRX) - NERT (Trust) Property
Date: May 12, 2016 at 4:48:41 PM CDT

To: James Dotchin <jdotchin@ndep.nv.gov>
Cc: "demme@ndep.nv.gov" <demme@ndep.nv.gov>, Greg Lovato <glovato@ndep.nv.gov>, Valerie King <vkking@ndep.nv.gov>, "Jasmine K. Mehta" <JMehta@ag.nv.gov>, James Carlton Parker <jcarltonparker@ndep.nv.gov>, Weiquan Dong <wdong@ndep.nv.gov>, Alison Fong <fong.alison@epa.gov>, "Betty Kuo Brinton" <bkuo@mwdh2o.com>, Brenda Pohlmann <brenda.pohlmann@cityofhenderson.com>, Carol Nagai <CNagai@mwdh2o.com>, "Chuck Hauser" <chuck.hauser@snwa.com>, Chuck Elmendorf <charles.elmendorf@astrazeneca.com>, Dave Share <DMSShare@olin.com>, "David Johnson" <djohnson@cap-az.com>, Ebrahim Juma <ejuma@cleanwaterteam.com>, George Crouse <george.crouse@syngenta.com>, Jay A Steinberg <custodialtrust@lepetomaneintrustee.com>, Jeff Gibson <jeff.gibson@ampac.us>, "Teraoka, Jill C" <jteraoka@mwdh2o.com>, Joe Kelly <jkelly@montrosechemical.com>, Joe Leedy <jleedy@cleanwaterteam.com>, "baylor.katherine@epa.gov" <Baylor.katherine@epa.gov>, "kevin.fisher@lvvwd.com" <kevin.fisher@lvvwd.com>, Lee Farris <LFarris@LandwellCo.com>, Letitia Moore <Moore.Letitia@epa.gov>, "Marcia Scully" <mscully@mwdh2o.com>, Maria Lopez <MTLopez@mwdh2o.com>, Mark Paris <mparis@landwellco.com>, "MChaudhuri@mwdh2o.com" <MChaudhuri@mwdh2o.com>, Peggy Roefer <proefer@crc.nv.gov>, Richard Pfarrer <Richard.Pfarrer@Timet.com>, Scott Bryan <sbryan@cap-az.com>, Steve Armann <Armann.Steve@epamail.epa.gov>, Steve Clough <steve.clough@nert-trust.com>, Tanya O'Neill <toneill@foley.com>, Todd Tietjen <todd.tietjen@snwa.com>, Christa Smaling <csmaling@ndep.nv.gov>

JD:

Good afternoon.

Consistent with Item #2 as ordered by NDEP, please see the attached.

Thank you,

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